

ABSTRACT OF THE DISCLOSURE

The invention relates to an imaging system 50 wherein, without recourse to any large-size pupil relay optical system, a plurality of minute imaging optical systems are arranged in rows and columns to pick up pixel images of a divided fundus through separate imaging optical systems, so that a fundus image is synthesized from the thus picked up pixel images as well as an identity authentication system. A plurality of imaging units 10₁, 10₂ and 10₃ comprising imaging lenses 1₁, 1₂ and 1₃ and imaging devices 3₁, 3₂ and 3₃ located on their image planes are two-dimensionally arranged in rows and columns. An illumination device for illumination 4 of a subject E in a direction along the optical system of each imaging unit is provided, wherein each of the optical axes 2₁, 2₂ and 2₃ of the respective imaging units is defined by an axis that passes through a common object point P at an imaging position and the center of each imaging lens.